Contents

Marine Geology Volume 141, 1997

Letter Section Further evidence from relic shellcrust sequences for a late Holocene higher sea level for eastern Australia R.G.V. Baker and R.J. Haworth	1
	11
Biological mediation of bottom boundary layer processes and sediment suspension in the lower Chesapeake Bay L.D. Wright, L.C. Schaffner and J.PY. Maa	27
Why some Mediterranean sapropels survived burn-down (and others did not) M. Jung, J. Ilmberger, A. Mangini and KC. Emeis	51
Late Holocene emergence in Calabria, Italy P.A. Pirazzoli, G. Mastronuzzi, J.F. Saliège and P. Sansò	61
Tidal asymmetry and long-term evolution of Holocene tidal basins in The Netherlands: simulation of palaeotides in the Schelde estuary	
A.J.F. van der Spek	71
J.P. McGinnis, D.E. Hayes and N.W. Driscoll Tension cracks on the oceanward slopes of the northern Japan and Mariana Trenches	91
Y. Ogawa, K. Kobayashi, H. Hotta and K. Fujioka The youngest channel–levee system of the Bengal Fan: results from digital sediment echosounder data	111
C. Hübscher, V. Spieß, M. Breitzke and M.E. Weber Field observations of sand-mixing depths on steep beaches	125
P. Ciavola, R. Taborda, Ö. Ferreira and J.A. Dias Boundary layer dynamics and sediment transport under storm and non-storm conditions on the Scotjan Shelf	147
M.Z. Li, C.L. Amos and D.E. Heffler Ultrasonic characterization of marine sediments: a preliminary study	157
J.PY. Maa, KJ. Sun and Q. He	183
Extremely high-energy wave deposits inside the Great Barrier Reef, Australia: determining the cause—tsunami or tropical cyclone	
J. Nott Estimates of conductive heat flow through bottom-simulating reflectors on the Hikurangi and southwest Fiordland	193
continental margins, New Zealand J. Townend	209
Early spreading and continental to oceanic basement transition beneath the Indus deep-sea fan: northeastern Arabian Sea	221
J.A. Malod, L. Droz, B.M. Kemal and P. Patriat	
D.S. Cronan and R.A. Hodkinson	
A. Usui, M. Bau and T. Yamazaki	269



